

***NOTICE OF ALLOWANCE***

This action is in response to the amendment filed October 1, 2010. Claims 4, 9, 10, 13, 16-18, 21, 23-73 have been cancelled. Claims 74-83 are newly submitted. Claims 1-3, 5-8, 11, 12, 14, 15, 19, 22 have been amended. All of the amendments have been thoroughly reviewed and entered. The previous rejections in the Office action mailed on 4/6/10 are withdrawn in view of the amendments.

Claims 19 and 22 have been rejoined.

***EXAMINER'S AMENDMENT***

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with John Van Amsterdam on December 8, 2010.

The claims have been amended as follows:

Claim 1. (Currently amended) A genetically modified mouse characterised in that the complete coding region of the endogenous immunoglobulin heavy chain constant region locus is deleted and in that one or more endogenous Ig H Variable region, one or more endogenous Ig H D segment, and one or more endogenous Ig H J segment nucleic acid sequences are present and characterised in that the genetically modified mouse does not

comprise a nucleic acid sequence which itself encodes any immunoglobulin heavy chain constant region (IgH C) polypeptide.

Claim 3. (Cancelled).

Claim 75. (Cancelled).

### ***Conclusion***

Claims 1, 2, 5, 6, 7, 8, 11, 12, 14, 15, 19, 20, 22, 74, 76-83 are allowed.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Q. Janice Li** whose telephone number is 571-272-0730. The examiner can normally be reached on 9:30 am - 7 p.m., Monday through Friday, except every other Wednesday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **Joseph Woltach** can be reached on 571-272-0739. The fax numbers for the organization where this application or proceeding is assigned are **571-273-8300**.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to (571) 272-0547.

For all other customer support, please call the USPTO Call Center (UCC) at 800-786-9199.

*/Q. JANICE LI, M.D./  
Primary Examiner, Art Unit 1633*